

Abstract

Scanning means is provided to acquire echo data by performing selective-excitation on regions composed of multi-slices of an object, while the object is moved continuously. This scanning means includes

5 position-moving means for moving the positions of the multi-slices within a predetermined imaging range fixedly determined by an MRI system, according to a movement of the object. This allows the positions of the multi-slices to be changed in compliance with the moved object, so that the multi-slices positionally track the object within the imaging range.

10 Accordingly, a multi-slice imaging technique can be provided, which is executable during a continuous movement of the object.